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Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/038,816	
			Filing Date	December 31, 2001	
			First Named Inventor	Srinivasan Sridharan	
			Art Unit	1732	
			Examiner Name	Leo B. Tentoni	
Sheet	1	of	2	Attorney Docket Number	ACS 63458

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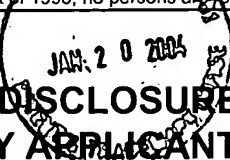
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known) ²			
		US- 3,426,754		02/11/69	Bierenbaum et al.	
		US- 3,679,538		07/25/72	Druin et al.	
		US- 3,953,566		04/27/76	Gore-	
		US- 3,962,153		06/08/76	Gore	
		US- 4,187,390		02/05/80	Gore	
		US- 4,384,023		05/17/83	Okamura et al.	
		US- 4,413,101		11/01/83	Schmidt et al.	
		US- 4,536,536		08/20/85	Kavesh et al.	
		US- 5,374,473		12/20/94	Knox et al.	
		US- 5,433,909		07/18/95	Martakos et al.	
		US- 6,120,477		09/19/00	Campbell et al.	
		US- 6,238,408	B1	05/29/01	Kawabata et al.	
		US- 6,395,208	B1	05/28/92	Herweck et al.	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind ⁵ (if known)				
		PCT	WO 91/01210		02/07/91	National Research Developmt.		

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		<div style="text-align: center;">  </div>		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/038,816	<div style="border: 1px solid black; padding: 5px; transform: rotate(-15deg);"> RECEIVED JAN 26 2004 TC 1700 </div>	
		Filing Date	December 31, 2001		
		First Named Inventor	Srinivasan Sridharan		
		Art Unit	1732		
		Examiner Name	Leo B. Tentoni		
Sheet	2	of	2	Attorney Docket Number	ACS 63458

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Hill, M.J., et al., <i>Direct Evidence for Distinctive, Stress-Induced Nucleus Crystals in the Crystallization of Oriented Polymer Melts</i> , <u>Journal of Macromolecular Science</u> , pp. 153-169, March 1969	
		Keller, A., <i>Unusual Orientation Phenomena in Polyethylene Interpreted in Terms of the Morphology</i> , <u>Journal of Polymer Science</u> , Vol. XV, pp. 31-49, 1955	
		Smook, Jan, et al., <i>Elastic Flow Instabilities and Shish-kebab Formation During Gel-Spinning of Ultra-High Molecular Weight Polyethylene</i> , <u>Journal of Materials Science</u> , Vol. 19, pp. 31-43, 1984	
		Sprague, B.S., <i>Relationship of Structure and Morphology to Properties of "Hard" Elastic Fibers and Films</i> , <u>Journal of Macromolecular Science</u> , Vol. B6 (1-2), pp. 157-187, 1973	
		van Hutten, P.F., et al., <i>Shish-Kebabs as an Intermediate Morphology in Gel-Spinning/Hot-Drawing of Polyethylene</i> , <u>Polymer Communications</u> , Vol. 24, August 1983	
		van Hutten, P.F., et al., <i>The Deformation Behaviour of Polyethylene Shish-Kebabs Produced by Stirring-Induced Crystallization</i> , <u>Colloid and Polymer Science</u> , Vol. 262, No. 7, pp. 521-525, 1984	✓
		van Hutten, P.F., et al., <i>The Plastic Deformation of Ultra-High Molecular Weight Polyethylene</i> , <u>Journal of Materials Science</u> , Vol. 20, pp. 1556-1570, 1985	✓
		Murthy, N.S., et al., <i>Structural Changes Prior to Melting in Extended-Chain Polyethylene Fibres</i> , <u>Polymer Communications</u> , Vol. 31, pp. 50-52, February 1990	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

¹ Applicant's unique citation designation number ² Applicant is to place a check mark here if English language Translation is attached.
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